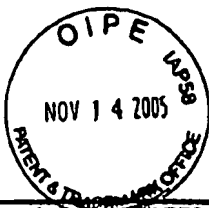


Substitute for form 1448A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/666,088
		Filing Date	September 19, 2003
		First Named Inventor	Don M. Hannegan
		Group Art Unit	3673
Examiner Name			
Sheet 4 of 11	Attorney Docket Number H055010.0048US0		

U.S. PATENT DOCUMENTS			
Exr Initials	U.S. Patent Document Number	Kind Code (if known)	Name of Inventor or Applicant of Cited Document Date of Publication of Cited Document MM-YYYY
	4,098,341		Lewis 07/1978
	4,099,583		Maus 07/1978
	4,109,712		Regan 08/1978
	4,143,880		Bunting et al 03/1979
	4,143,881		Bunting 03/1979
	4,149,603		Arnold 04/1979
	4,154,448		Biffle 05/1979
	4,157,186		Murray et al 06/1979
	4,183,562		Watkins et al 01/1980
	4,200,312		Watkins 04/1980
	4,208,056		Biffle 06/1980
	4,222,590		Regan 09/1980
	4,281,724		Garrett 08/1981
	4,282,939		Maus et al 08/1981
	4,285,406		Garrett et al 08/1981
	4,291,772		Beynet 09/1981
	4,293,047		Young 10/1981
	4,304,310		Garrett 12/1981
	4,312,404		Morrow 01/1982
	4,326,584		Watkins 04/1982
	4,335,791		Evans 06/1982
	4,349,204		Malone 09/1982
	4,355,784		Cain 10/1982
	4,361,185		Biffle 11/1982
	4,363,357		Hunter 12/1982
	4,367,795		Biffle 01/1983
	4,378,849		Wilks 04/1983
	4,383,577		Pruitt 05/1983
	4,386,667		Millsapps, Jr. 06/1983
	4,398,599		Murray 08/1983
	4,406,333		Adams 09/1983
	4,407,375		Nakamura 10/1983
	4,413,653		Carter, Jr. 11/1983
	4,416,340		Bailey 11/1983
	4,423,776		Wagoner et al 01/1984
	4,424,861		Carter, Jr. et al. 01/1984
	4,441,551		Biffle 04/1984
	4,444,250		Keithahn et al. 04/1984
	4,444,401		Roche et al 04/1984
	4,448,255		Shaffer et al 05/1984
	4,456,062		Roche et al. 06/1984
	4,456,063		Roche 06/1984

JB
5/10

Examiner Signature	<i>[Signature]</i>	Date Considered	8/15/05
-----------------------	--------------------	--------------------	---------



Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/666,088
		Filing Date	09/19/2003
		First Named Inventor	Don M. Hannegan
		Group Art Unit	3672
		Examiner Name	William P. Neuder
Sheet 1 of 2	Attorney Docket Number		H055010.0048US0

U.S. PATENT DOCUMENTS				
Exr Initials	U.S. Patent Document		Name of Inventor or Applicant of Cited Document	Date of Publication of Cited Document MM-YYYY
	Number	Kind Code (if known)		
✓	4,646,826		Bailey et al.	03-1987
	4,722,615		Bailey et al.	02-1988
	4,955,949		Bailey et al.	09-1990
	4,962,819		Bailey et al.	10-1990
	5,305,839		Kalsi et al.	04-1994
	5,348,107		Bailey et al.	09-1994
	6,102,123		Bailey et al.	08-2000
	6,129,525		Hosie et al.	10-2000
	6,732,804	B2	Hosie et al.	05-2004
	6,913,092	B2	Bourgoyne	07-2005
✓	2005/0000698	A1	Bailey et al.	01-2005

JB
s/a

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Exr Initials		Include Name of first Author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), volume-issue number(s), page(s), date (in parentheses). If a book, also include publisher and city and/or county where published.	T ₁	
✓	LLLL	General Catalog, 1970-1971, Vetco Offshore, Inc., Subsea Systems; cover page, company page and numbered pp. 4800, 4816-4818; 6 pages total, in particular see numbered page 4816 for "patented" Vetco H-4 connectors		
	MMMM	General Catalog, 1972-73, Vetco Offshore, Inc., Subsea Systems; cover page, company page and numbered pp. 4498, 4509-4510; 5 pages total		
	NNNN	General Catalog, 1974-75, Vetco Offshore, Inc.; cover page, company page and numbered pp. 5160, 5178-5179; 5 pages total		
	OOOO	General Catalog, 1976-1977, Vetco Offshore, Inc., Subsea Drilling and Completion Systems; cover page and numbered pp. 5862-5863, 5885; 4 pages total		
	PPPP	General Catalog, 1982-1983, Vetco; cover page and numbered pp. 8454-8455, 8479; 4 pages total		
	QQQQ	Shaffer, A Varco Company: Pressure Control While Drilling System, http://www.tulsaequip.com ; printed 6/21/2004; 2 pages		
	RRRR	Performance Drilling by Precision Drilling- A Smart Equation, Precision Drilling; ©2002 Precision Drilling Corporation; 12 pages, in particular see 9 th page for "Northland's patented RBOP..."		
	SSSS	RPM System 3000™ Rotating Blowout Preventer: Setting a New Standard in Well Control, Weatherford, Underbalanced Systems; ©2002-2005 Weatherford; Brochure #333.01, 4 pages		
	TTTT	Managed Pressure Drilling in Marine Environments, Don Hannegan, P.E.; Drilling Engineering Association Workshop, Moody Gardens, Galveston, June 22-23, 2004; ©2004 Weatherford; 28 pages		
✓	UUUU	Hold™ 2500 RCD Rotating Control Device web page and brochure, http://www.smith.com/hold2500 ; printed 10/27/2004; 5 pages		

Examiner Signature		Date Considered	2/16/06
--------------------	--	-----------------	---------

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

NOV 17 2006

Sheet

of

9

Complete if Known

Application Number 10/666,088
Filing Date September 19, 2003
First Named Inventor Don M. Hannegan
Art Unit 3872
Examiner Name William P. Neuder
Attorney Docket Number 85501.0048

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind-Code ² (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
WN		US-3,405,783	10-1988	Pitts, et al.	
		US-3,421,580	01-1969	Fowler et al.	
		US-3,443,643	05-13-1969	Marvin R. Jones	Col. 3, Ins. 53-63; Col. 4, Ins. 8-18, see 5S below
		US-3,583,480	08-1971	John Regan	Cited in US 7,040,394 B2
		US-3,638,721	02-01-1972	Otto R. Harrison	See 6/28/2001 IPER for PCT/GB00/00728; Fig. 2, see 5L, 5O, 5P, 5Q, 5R, 5T, 5U, 5V, 5W below
		US-3,827,511	08-06-1974	Marvin R. Jones	See 5T, 5U, 5V, 5W below
		US-3,847,215	11-1974	Herd	
		US-3,924,678	12-1975	Ahlstone	
		US-4,048,191	09-06-1977	Robert Arthur Neath	See 5U, 5V, 5W below
		US-4,053,023	10-1977	Herd et al.	
		US-4,143,881	03-13-1979	Bunting	Cited in US 7040394 B2; see 5Z and 6A below
		US-4,149,603	04-17-1979	James F. Arnold	See 5U below
		US-4,157,186	08-05-1979	Edwin G. Murray, et al.	See 5U, 5V below
		US-4,313,054	01-1982	Richard M. Martini	Cited in US 7,040,394 B2
		US-4,353,420	10-1982	Miller	
		US-4,355,784	10-26-1982	Lester L. Cain	See 5U, 5V below
	4349726	US-4,439,264	09-1982	Malone	
		US-4,440,232	04-1984	Joseph L. LeMoine	Cited in US 7,040,394 B2
		US-4,448,255	05-1984	Shaffer, et al.	Cited in US 7,040,394 B2
		US-4,484,753	11-27-1984	Mammohan S. Kalsi	
WN		US-4,509,405	04-1985	H. John Bates	Cited in US 7,040,394 B2

03
076

Examiner
Signature

/William Neuder/

Date
Considered

01/17/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/666,088
		Filing Date	September 19, 2003
		First Named Inventor	Don M. Hannegan
		Art Unit	3672
		Examiner Name	William P. Neuder
Sheet 3 of 9	Attorney Docket Number	65501.0048	

					B2; see 5Z and 6A below; discussed in S.N. 11/366,078 application
WN		US-5,195,754	03-23-1993	Lannie Dietle	
		US-5,215,151	06-1993	Smith, et al.	Cited in US 7,040,394 B2
		US-5,224,557	07-06-1993	Yenulis, et al.	Discussed in S.N. 11/366,078 application
		US-5,230,520	07-27-1993	Lannie Dietle, et al.	
		US-5,251,869	10 12-12-1993	Benny M. Mason	See 5Z and 6A below
		US-5,277,249	01-11-1994	Yenulis, et al.	Discussed in S.N. 11/366,078 application
		US-5,325,925	07-1994	Smith et al.	
		US-5,348,107	09-20-1994	Thomas F. Bailey, et al.	Cited in US 7,040,394 B2; discussed in S.N. 11/366,078 application
		US-5,348,107	09-1994	Thomas F. Bailey, et al.	
		US-5,443,129	08-1995	Bailey, et al.	
		US-5,607,019	03-1997	Kent	
		US-5,662,171	09-02-1997	James D. Brugman, et al.	
		US-5,662,181	09-02-1997	John R. Williams, et al.	See YYYY, 5L, 5M, 5N, 5O, 5P, 5Q, 5U, 5V, 5X, 5Z, 6A below, the whole document; cited in US 7,040,394 B2; discussed in S.N. 11/366,078 application
		US-5,671,812	09-1997	Bridges	
		US-5,678,829	10-21-1997	Mammohan S. Kalsi, et al.	
		US-5,738,358	04-14-1998	Mammohan S. Kalsi, et al.	
		US-5,823,541	10-20-1998	Lannie Dietle, et al.	
		US-5,828,531	11-1998	Hebert, et al.	
		US-5,848,643	12-15-1998	Carbaugh, et al.	Cited in US 7,040,384 B2
		US-5,873,576	02-23-1999	Lannie Dietle, et al.	
		US-5,878,818	03-1999	Hebert, et al.	
		US-5,944,111	08-1999	Bridges	
		US-6,007,105	12-28-1999	Lannie Dietle, et al.	
WN		US-6,016,880	01-2000	Hall et al.	

JB
JK

Examiner Signature	/William Neuder/	Date Considered	01/17/2007
--------------------	------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO		Complete If Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/686,088		
		Filing Date	September 19, 2003		
		First Named Inventor	Don M. Hannegan		
		Art Unit	3672		
		Examiner Name	William P. Neuder		
Sheet	5	of	9	Attorney Docket Number	65501.0048

WN		US-6,478,303 B1	11-12-2002	Christopher D. Radcliffe	
		US-6,547,002	04-15-2003	Bailey, Thomas F., et al.	See 5X below
		US-6,554,016 B2	06-13-2002 H/2003	Joseph Kinder	Cited in US 7,040,394 B2; see 5Z and 6A below; discussed in S.N. 11/366,078 application; see 7,004,444 B2 and 7,007,913 B2 below
		US-6,655,460 B2	12-02-2003	Bailey, et al.	
		US-6,702,012 3/04	07-03-2003	Bailey, Thomas F., et al.	See 5X below
		US-6,749,172 B2	10-16-2003 C/04	Joseph Kinder	Discussed in S.N. 11/366,078 application
		US-6,843,313 B2	12-15-2001 1/05	Vern A. Hult	
		US-6,896,076 B2	08-05-2003 5/2005	John E. Nelson, et al.	Pub. No. US2003/0102136A1
		US-6,913,092 B2	07-05-2005	Bourgoyne	
		US-7,004,444 B2	11-11-2004 2/2006	Joseph Kinder	Figs. 1 and 3 and claims
		US-7,007,913 B2	11-11-2004 3/2004	Joseph Kinder	Figs. 1 and 3 and claims
		US-7,025,130 B2	08-10-2004 4/2004	Thomas F. Bailey, et al.	
		US-7,028,777 B2	12-02-2004 H/2005	Morris B. Wade, et al.	
		US-7,032,891 B2	08-06-2005 H/2005	Gavin Humphreys	
		US-7,040,394 B2	05-08-2004 5/2005	Bailey, Thomas F., et al.	Figs. 1, 7a, 7b, 8; see YYYY, 5X below; discussed in S.N. 11/366,078 application
		US-7,077,212 B2	03-25-2004 7/2004	Thomas Roesner, et al.	
WN		US-7,080,685 B2	04-06-2005 7/2004	Bailey, Thomas F., et al.	See 5X below

JB5710

Examiner Signature	/William Neuder/	Date Considered	01/17/2007
-----------------------	------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Indicate document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language translation is attached.
 This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.